I CLAIM AS MY INVENTION:

1. A method for transmitting print data in blocks from a transmission unit to a reception unit via a data line by means of channel command words, comprising the steps of :

with the reception unit transmitting a channel initialization command to the transmission unit for starting the data transmission of a first data block;

with the transmission unit transmitting the first data block to the reception unit;

with the reception unit forwarding the received first data block to a check unit for checking data integrity by parsing;

with the reception unit transmitting a transmission confirmation message to the transmission unit prior or during the parsing checking process; and

with the transmission unit transmitting a second data block into an intermediate memory of the reception unit during the parsing checking process of the first data block.

2. The method according to claim 1 wherein the confirmation message is generated as a channel command word by an active interface of the reception unit and transmitting the message to an interface of the transmission unit.

3. The method according to claim 1 wherein the checking parsing process is monitored by the reception unit and a termination message is output to the interface of the reception unit after the data integrity has been determined.

4. The method according to claim 3 wherein the message is forwarded from the reception interface to the transmission interface.

5. The method according to claim 1 wherein after the data integrity checking of the first data block has been completed the second data block is deposited into a memory of the check unit for checking the data integrity.

6. The method according to claim 1 wherein the reception unit monitors the integrity check by parsing and an error message is output to the interface of the reception unit when it is detected that the data integrity is not given.

7. The method according to claim 6 wherein the error message is forwarded from the reception interface to the transmission interface and the transmission unit, and thereafter transmits the corresponding data block again.

8. The method according to claim 1 wherein at least one of an S/370 line, an ESCON line and an SCSI line is used as the data line.

9. A system for transmitting print data in blocks, comprising:

a transmission unit;

a reception unit;

a data line on which channel words are sent;

the reception unit transmitting a channel and initialization command to the transmission unit for starting the data transmission of a first data block;

the transmission unit transmitting the first data block to the reception unit;

the reception unit also forwarding the received first data block to a check unit for checking data integrity by parsing;

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the reception unit also transmitting a transmission confirmation message to the transmission unit prior or during the parsing checking process; and

the transmission unit also transmitting a second data block into an intermediate memory of the reception unit during the parsing checking process of the first data block.

10.   A method for transmitting print data in blocks from a transmission unit to a reception unit via a data line by means of channel command words, comprising the steps

of :

with the reception unit transmitting a channel initialization command to the transmission unit for starting the data transmission of a data block;

with the transmission unit transmitting the data block to the reception unit;

with the reception unit forwarding the received data block to a check unit for checking data integrity;

with the reception unit transmitting a transmission confirmation message to the transmission unit prior or during the data integrity checking process; and

with the transmission unit transmitting a further data block into an intermediate memory of the reception unit during the data integrity checking process of the original data block.

11.   A system for transmitting print data in blocks, comprising:

a transmission unit;

a reception unit;

a data line on which channel words are sent;

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the reception unit transmitting a channel and initialization command to the transmission unit for starting the data transmission of a data block;

the transmission unit transmitting the data block to the reception unit;

the reception unit also forwarding the received first data block to a check unit for checking data integrity;

the reception unit also transmitting a transmission confirmation message to the transmission unit prior or during the data integrity checking process; and

the transmission unit also transmitting a further data block into an intermediate memory of the reception unit during the data integrity checking of the original data block.